

**Search Notes**

Application/Control No.

10/771,466

Examiner

Howard L. Williams

Applicant(s)/Patent under  
Reexamination

PREISACH, HELMUT

Art Unit

2819

Search Notes  
Page 1 of 2**SEARCHED**

Class	Subclass	Date	Examiner

**INTERFERENCE SEARCHED**

Class	Subclass	Date	Examiner

**SEARCH NOTES  
(INCLUDING SEARCH STRATEGY)**

	DATE	EXMR
Restriction Req. 3/8/05 Group I- claim 1 341/141 Group II-claims 2-12 327/233 accepted by T. Cunningham 2/23/05 see attached sheet	3/8/2005	hfw

**AMENDMENTS TO THE CLAIMS**

**This listing of claims will replace all prior versions and listings of claims in the application:**

**LISTING OF CLAIMS:**

341/141  
1. (Original) Digital to analog converter, wherein the digital to analog converter is implemented by two or more digital to analog converters, in that it is furthermore implemented in such a way that the operation of its analog output voltages is combined and in that its digital input values are processed in such a way that, in the case of a continuous incrementing or decrementing of said input values, the individual input values of the two or more digital to analog converters are incremented or decremented in turn.

Claims  
#-12  
OK for  
327/233  
2. (Original) Phase control circuit, comprising a phase detector, a control-circuit filter and a voltage-controlled oscillator, in which the phase detector is constructed in such a way that it compares the phase of the output signal of the voltage-controlled oscillator with the phase of an input signal and delivers an error signal that corresponds to the difference between the two phases, and in which the control-circuit filter is constructed in such a way that it converts the error signal into a control signal for the voltage-controlled oscillator in such a way that the latter is able to follow both the dynamic fluctuations of the phase of the input signal and also long-term variations in this phase, wherein the control-circuit filter comprises two parallel branches of which a first branch is dimensioned with regard to the dynamic fluctuations and a second branch is dimensioned with regard to the long-term variations.

Above note  
by T.  
Cunningham  
2/23/05